

Abstract of the Disclosure

5 A non-rotational casing hanger and seal assembly running tool for use in oil and
gas drilling operations is disclosed having a mandrel and a tool body is carried by the
mandrel. The tool body supports a plurality of latching segments for releasably connecting
the tool body to a seal assembly. A plurality of latching dogs on the tool body releasably
connect the tool body to a casing hanger. Axial movement between the tool body and
mandrel operates a pressure responsive shuttle piston positioned on the mandrel to urge
the seal assembly into sealing position. A ball valve positioned in the mandrel bore is
operable between open and closed positions to allow independent operations to be
10 carried out such as cementing the casing hanger in position through the mandrel bore and
operating the shuttle piston to then allow overpull to unlatch the tool from the casing
hanger for retrieval.